





# Bill of Materials

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Source Data From: dbp1.0.PrjPCB  
Project: dbp1.0.PrjPCB  
Variant: None

Creation Date: 2014/3/1 16:26:23  
Print Date: 41699 41699.68513

Footprint	Comment	LibRef	Designator	Description	Quantity
MS621	Battery	Battery	BT1	Multicell Battery	1
1608[0603]	Cap Semi	Cap Semi	C1, C2, C3, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C27, C28, C29, C30, C31, C32, C33, C34, C35	Capacitor (Semiconductor SIM Model)	33
C1206	Cap Semi	Cap Semi	C4, C26	Capacitor (Semiconductor SIM Model)	2
INDC1608L	LED0	LED0	D1, D2, D3	Typical INFRARED GaAs LED	3
SOD123	Diode	Diode	D4, D5, D6	Default Diode	3
IPX	IPX	IPX	J1	ANTENNA	1
440247	440247-2	440247-2	J2	USB 2.0, Right Angle, SMT, B Type, Receptacle, 5 Position, Black	1
INDC1608L	Inductor	Inductor	L1	Inductor	1
CD54 5*5 电感	Inductor	Inductor	L2	Inductor	1
HDR1X4	Header 4	Header 4	P1, P2	Header, 4-Pin	2
HDR1X12	Header 12	Header 12	P3, P4, P5	Header, 12-Pin	3
FPC 8P	DEBUG	Header 8	P6	Header, 8-Pin	1
0.5mm					
HDR1X3	Header 3	Header 3	P7	Header, 3-Pin	1
SOT23-3_L	PMOS-2	PMOS-2	Q1	P-Channel Power MOSFET	1
J1-0603	Res3	Res3	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R20, R21, R24, R25, R28, R29, R30, R31, R32, R33, R34, R35, R36	Resistor	30
Res Pack 4*0603	2K	Res Pack 4	R18, R22, R26		3
Res Pack 4*0603	100	Res Pack 4	R19, R23, R27		3
SW KEY 4*4	SW-PB	SW-PB	S1	Switch	1
贴片开关					
LQFP100_L	STM32F407VGT6	STM32F103VBT6	U1	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 100-pin LQFP, Industrial Temperature	1
LGA16 3*3*1	ADXL362	ADXL362	U2		1
UBLOX MAX	ublox max 7	UBLOX GPS MAX	U3		1
QFN16 3*3*1	HMC5983L	HMC5983L	U4		1
MicroSD	SD	Micro SD	U5		1
LGA16 3*3*1	MAX21000	MAX21000	U6		1
MS5611	MS5611	MS5611	U7		1
SOP8_L	SN65HVD23X	SN65HVD23X	U8		1
SOT23-6_L	LT1616	LT1616	U9		1
3213 CSTCE	CRYSTAL	Crystal	X1	CSCTE8M	1
R38	XTAL	XTAL	Y1	Crystal Oscillator	1
					102

Approved	Notes